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- Diagram illustrating the components of a riser assembly, numbered 1 through 9:
- ① DI STUB-UP, RODDED THROUGH FLOOR WITH SLEEVE. INSTALL RODS THROUGH FLOOR SLEEVE, SEAL OPENING w/MASTIC
 - ② DOUBLE CHECK BACK FLOW PREVENTER
 - ③ BUTTERFLY VALVE w/TAMPER SWITCH
 - ④ RISER CHECK VALVE
 - ⑤ FIRE DEPARTMENT CONNECTION
 - ⑥ BACKFLOW TEST CONNECTION
 - ⑦ FLOW SWITCH
 - ⑧ NORMALLY CLOSED VALVE
 - ⑨ FROM WATER SUPPLY

FIRE ALARM SEQUENCE	OF OPS MATRIX
	INITIATION
	MANUAL PULL STATION
	DUCT DETECTOR
	SMOKE DETECTOR AT FACP
	WET SPRINKLER WATER FLOW
	SPRINKLER VALVE TAMPER SWITCH
ACTION	
ACTIVATE FIRE ALARM SPEAKER/STROBES	● ● ● ● ●
DISPLAY ALARM INDICATION AT FACP	● ● ● ● ●
TRANSMIT ALARM TO RECEIVING STATION	● ● ● ● ●
DISPLAY SUPERVISION AT FACP & FARA	● ●
TRANSMIT SUPERVISORY SIGNALS TO FIRE DEPT.	● ●

FIRE ALARM NOTES:

- 1 ALL CIRCUITS SHALL BE CLASS A. STYLE 6 NAC AND SLIC, STYLE Z IDC.
- 2 ALL WIRING SHALL BE IN CONDUIT.
- 3 PROVIDE THE FOLLOWING SPARE PARTS:
 - THREE MANUAL STATIONS
 - THREE SMOKE DETECTORS
 - THREE SPEAKER / STROBES
 - THREE TAMPER SWITCHES
 - THREE SETS FUSES
- 4 A/V DEVICES FOR MNS SHALL BE WHITE BODY MARKED ALERT WITH AMBER LENS. FA A/V DEVICES SHALL BE RED BODY MARKED FIRE WITH CLEAR STROBES. COMBINATION DEVICES SHALL HAVE WHITE BODY MARKED ALERT WITH AMBER AND CLEAR LENS.
- 5 BATTERIES SHALL BE SIZED FOR 48 HOURS STANDBY AND 60 MINUTES ALARM.
- 6 TRANSMIT THE FOLLOWING TO THE BASE FD: SPRINKLER WATER FLOW, SMOKE DETECTOR, MANUAL PULL STATIONS, SUPERVISORY, AND DUCT SMOKE DETECTOR.
- 7 COORDINATE MNS MESSAGES WITH BASE FIRE DEPARTMENT.

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